

SECRET

23 August 1955

CMCC Doc. No. 151.680

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Dear George:

During the course of the work on development of System No. 3, a considerable amount of theoretical work on receiver design has been necessary. In the course of this work, two of our engineers, [redacted] developed a comparatively simple method of determining the conditions under which spurious signal responses are developed in superheterodyne receivers.

As a technique, the method is applicable to the analysis of a great variety of receivers, regardless of the end use for which they will be employed. [redacted] are desirous of publishing information concerning this technique in the belief that it represents a useful contribution to the engineering art. I am in full accord with their thoughts on this matter, and accordingly, I am submitting three copies of their paper to you for review by persons in your organization qualified to determine that the subject matter presented does not tend to compromise in any way the project security.

We would appreciate receiving your approval for publication at the earliest date convenient.

Sincerely,

Burt

Burt

Enclosure:

Paper as described (in trip.)

DOCUMENT NO. _____
 NO CHANGE IN CLASS. ☐
 IT DECLASSIFIED
 CLASS. CHANGED TO: TS S
 NEXT REVIEW DATE: 8/11
 AUTH: HSI 70-2
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 ACTION IS BEING
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